

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Spring 2010 Levee Inspection Results**

**Reclamation District No. 0001 Union Island**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2010 Levee Inspection Results**

**Reclamation District No. 0001 Union Island**

Waterway			Bank	Unit Miles
Unit No. 01 Old River			Right	1.15
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/17/2009 - 3/17/2009			
DWR Inspector	John Paasch			
Accompanied By	Chip Salmon			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 0001 Union Island**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Old River				Right	1.15	03/17/2009 03/17/2009	John Paasch	

  

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.01	0.01	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Steel irrigation intake pipe up levee slope and through freeboard.	37.822408 ° -121.375714 °	37.822408 ° -121.375714 °	1 Y
2	0.11	0.11	Earthen Levee	Erosion / Bank Caving	LS	U	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Landside slope is eroded creating two large holes at the hinge point.	37.822051 ° -121.377320 °	37.822051 ° -121.377320 °	2 Y
3	0.14	0.14	Earthen Levee	Animal Control	LS	W	Inspector Comments: Bait stations said to be in place by end of March. Isolated rodent hole observed at this and other locations along the levee.	37.821743 ° -121.377861 °	37.821743 ° -121.377861 °	3
4	0.24	0.24	Earthen Levee	Encroachments	WS	A	Equipment Inspector Comments: USGS river monitoring equipment set on waterside slope.	37.820280 ° -121.378307 °	37.820280 ° -121.378307 °	4
5	0.26	0.26	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.820234 ° -121.378586 °	37.820234 ° -121.378586 °	5
6	0.32	0.32	Earthen Levee	Encroachments	WS	A	Equipment Inspector Comments: USGS remote river monitoring equipment set on waterside slope.	37.820260 ° -121.379714 °	37.820260 ° -121.379714 °	6 Y
7	0.35	0.35	Earthen Levee	Animal Control	LS	W		37.820187 ° -121.380150 °	37.820187 ° -121.380150 °	12
8	0.39	0.39	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake through levee crown.	37.819651 ° -121.380467 °	37.819651 ° -121.380467 °	7
9	0.43	0.43	Earthen Levee	Animal Control	WS	M		37.818863 ° -121.380260 °	37.818863 ° -121.380260 °	8
10	0.54	0.54	Earthen Levee	Erosion / Bank Caving	LS	M	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Crown width 50'.	37.817515 ° -121.379943 °	37.817515 ° -121.379943 °	9 Y
11	0.86	0.86	Earthen Levee	Encroachments	LS	W	Pipe Inspector Comments: Irrigation intake through levee freeboard.	37.814566 ° -121.382450 °	37.814566 ° -121.382450 °	10 Y
12	0.91	0.91	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.814220 ° -121.383336 °	37.814220 ° -121.383336 °	11
13	1.05	1.09	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.812488 ° -121.383737 °	37.811993 ° -121.383855 °	930
14	1.07	1.15	Earthen Levee	Vegetation	LS	C	Control annual grass and weeds on the levee slopes and easements.	37.812187 ° -121.383785 °	37.811715 ° -121.384938 °	929

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 0001 Union Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Old River	Right	1.15	03/17/2009 03/17/2009	John Paasch

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Irrigation intake off Old River.

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Levee Mile Report Line	2
Start Levee Mile	0.11
End Levee Mile	0.11
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Two large erosion locations present on the landside hinge extending the entire slope length.

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Levee Mile Report Line	6
Start Levee Mile	0.32
End Levee Mile	0.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Monitoring equipment includes locked tool box, cable and solar panel.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Old River	Right	1.15	03/17/2009 03/17/2009	John Paasch

Levee Mile Report Line	10
Start Levee Mile	0.54
End Levee Mile	0.54
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Erosion of landside slope present with sedimentation of material at toe.

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Levee Mile Report Line	11
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Irrigation pump and pipe on present waterside slope and through levee crown.

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**\* Location**

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WS : Water Side  
CR : Crown

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M : Minimally Acceptable      CO : Completely Obstructing      W : Watch/Monitor  
U : Unacceptable      N : Not Inspected